F1.9793

RECEIPTS.

By sale of wagon and harness	$ 120 00	
By sale of two horses	250 00	
By sale of one mule	50 00	
Instruments on hand	60 00	
		$480 00
Total expenditures for two years		$2,254 54

On the first of July, 1869, Mr. Calvin Swift was engaged in accordance with the provisions of Section 10 of the law defining the duties of the State Mineralogist. He served three months and ten days, on a stipulated compensation of $100 per month, amounting in the aggregate to the sum of $333 33. His bill was presented and properly audited by the Board of Examiners; but, by an omission in the law, it was found that no appropriation had been made for this purpose, and his claim stands unpaid. The necessity of his services must be apparent to every one at all acquainted with the nature of the work in which I was engaged, and the character of the country through which I had to travel; without his assistance many of the investigations made would have been impossible. It is therefore respectfully recommended to your honorable body that an appropriation or some proper provision be made at an early day for the payment of Mr. Swift's claim.

FLORA.

It is with pleasure that I append to this report "A catalogue of Nevada Flora," prepared at my request by C. L. Anderson, M. D., long a resident of this place, (now of Santa Cruz, Cal.) and favorably known through our State as a man of rare scientific ability. This catalogue will be invaluable to our citizens who desire an accurate knowledge of the subjects of which it treats, and will be read with peculiar interest abroad.

CONCLUSION.

In making up this report, an effort has been made to present facts, without regard to selfish interests, or to the idle speculations with which the subjects of Mineralogy and Geology are too generally associated. What is needed is a truthful presentation of the actual condition and productiveness of the mines. If their real merits are insufficient to attract labor, population, or capital, no exaggerated statements of their supposed richness, or visionary theories respecting their formation, permanency or character, however plausible, will long avail. Every material interest must eventually stand upon its own merits, and Nevada has wealth sufficient unbosomed in her mountains to enable her to rise to an enviable position in the sisterhood of States, without the assistance of unjustifiable embellishments to inspire a vain confidence.

With the hope that this attempt will meet your approval, this report is most respectfully submitted.

A. F. WHITE,
Mineralogist for the State of Nevada

QK193
.A52
1871

A CATALOGUE OF NEVADA FLORA,

BY

C. L. ANDERSON, M. D.

LIBRARY
NEW YORK
BOTANICAL
GARDEN

This catalogue of Nevada plants is not offered as a complete one. The botany of this State has not as yet been thoroughly made out. It is exceedingly varied, and when complete will form a catalogue much larger than the one here presented.

The purpose, however, of this list is mainly to serve as a nucleus and sort of guide for those who may be interested in the study of the somewhat peculiar flora of this State.

In forming this list no little care and labor have been expended. Before coming to Nevada Territory in 1862, I inquired of a resident friend something in regard to the botany. He said I might botanize somewhat in "sagebrush" and "greasewood," for these plants were about all. And such at some seasons of the year is the appearance of most of the country; but such it is not in reality, as this catalogue will amply prove. There are seasons when the mountains and foot-hills, and some portions of the plains are literally clothed with flowering herbage, and the country is as rich in vegetable novelties as it is at all times in mineral wealth.

Nutritious grasses abound at all seasons, and the number of genera and species in this catalogue will be considerably augmented when the list is complete.

Lupines, Clovers and Vetches abound. They contain much nutriment for stock. The genus Eriogonum presents some twenty-two species. It undoubtedly possesses some good qualities as a forage plant. Even the Artemisias (including the aromatic Sage-brush) and many allied species, are devoured and even relished by cattle, horses and mules, affording them sustenance in the winter season.

For assistance in preparing this catalogue, I am largely and mainly indebted to Professor Asa Gray, of Cambridge, Mass.; he has kindly determined most of the plants for me, besides describing many new species.

For determination of a large part of the grasses, I am indebted to Professor Bolander, of San Francisco, (late State Botanist of California,) who has generously aided me in this matter.

I have omitted the Sedges in this list because they have not been collected, and consequently their names for the most part are undetermined. The same may be said of all the flowerless plants, including Ferns, Mosses, Liverworts and Lichens.

The botany of California and Nevada is nearly identical in the Sierras, but east of this mountain range there are but few plants in common. The change seems to begin suddenly in the foot-hills bordering the Utah basin.

The earliest flowers begin to open about the fifteenth day of February, in sheltered spots, and by the first of April a large number of plants are in bloom. In May the mountain sides near the foot-hills are in full glow of flowering, and, during the summer months, there are many favored spots where a large variety of flowers may be seen. Even late in autumn, say in November, when ice is forming gradually down the sides of the mountains, I have often seen the Lupine, or the Golden Rod looking fresh and bright in close proximity to the snow.

RANUNCULACEÆ.

Ranunculus Cymbalaria; Pursh. Alkaline marshes. "Buttercup."
glaberimus; Hook. Foot-hills.
Andersonii; Gray. Mountains near snow, southeastern Nevada. An interesting new species of buttercup, that would be a fine acquisition to the garden. Blooming in March.
Thalictrum Fendleri; Euglm. Borders of meadows. "Meadow Rue."
Aquilegia Californica; Gray. Meadows and hedges. "Columbine."
Delphinium decorum; F. & M. Meadows and hillsides. "Larkspur."
Aconitum nasutum; Fisch. Rich shady soil. "Monkshood," "Wolfsbane."
delphinifolium.
Actea spicata; L. var. arguta. Damp woods. "Baneberry."
Peonia Brownii; Dougl. Foot-hills. "Peony."
Myosurus minimus; Dill. Sandy places. "Mousetail."

PAPAVERACEÆ.

Eschscholtzia Californica; Cham. Fields. "California Poppy."
Argemone Mexicana; L. Plains. "Prickly Poppy."

CRUCIFERÆ.

Nasturtium officinale; L. About springs. True "Water Cress."
Cardamine pauscisecta; Benth. Var. argulata. "Bitter Cress."
Streptanthus Breweri; Gray. Mountain Valleys.
Erysimum asperum; D. C. Plains.
Thelypodium sagitatum; Gray. Plains.
brachycarpum; Gray. High mountain sides.
Smelowskia Californica; Gray. Near Mono Lake.
Turitis retrofacta; Hook. Meadows and mountain sides.
Capsella Bursa-pastoris; Mœnch. Fields. "Shepherd's Purse."
Sysymbrium incisum; Engl. Sagebrush lands.
canescens; Nutt. Var. brachycarpum.
Lepidium intermedium; Gray. Fields. "Peppergrass."
montanum; Nutt. Hillsides.
lasciocarpsum; Nutt. Sagebrush lands.
dictyotum; Gray. Sagebrush lands.

Draba nemerosa; L. Var, with very short silicles. Hillsides. "Whitlow grass."
Douglassii; Gray. Gravelly divides.
Thysanocarpus crenatus; Nutt.

CAPARIDACEÆ.

Cleomella longipes; Torr. On Carson River.
paroiflora; Gray. Plains near Carson City.

VIOLACEÆ.

Viola Nuttallii; Pursh. Near base of mountains. "Violet."
Beckwithii; Torr and Gray. Between Walker and Carson rivers, flowering in March.
cucullato; Ait. Low grounds. "Common blue violet," probably introduced.

HYPERICACEÆ.

Hypericum Scouleri; Hook. Banks of stream. "St. John's wort."

CARYOPHYLLACEÆ.

Silene Scouleri; Hook. Meadows and plains. "Catchfly."
Douglassi; Hook.
Menziesii; Hook.
Arenaria congesta; Nutt. "Sandwort."
punges; Nutt.
Alsine nudifolia; Linden. Moist sand. (Arenaria nudifolia.)
Stellaria longipes; Goldie. "Starwort."
Cerastium oblongifolium; Torr. "Mouseear chickweed."

PORTULACACEÆ.

Claytonia perfoliata; Donn. About springs and moist hill sides.
Spraguea umbellata; Torr. Sandy soil, high ridges.

MALVACEÆ.

Malvastrum monroanum; Gray. Hillsides. "Mallow."
Thurberi; Gray.
Sidalceea malvæflora; Gray.

LINACEÆ.

Linum perene; L. Meadows. "Perenial flax."

GERANIACEÆ.

Geranium Carolinanum; L. "Carolina Cranesbill."
Erodium cicutarium; L. Her. "Alfileria."
Oxalis stricta; L. "Yellow wood sorrel."
Impatiens (sp. undetermined). "Touch-me-not."

ANACARDIACEÆ.

Rhus diversiloba; Torr and Gray. "Poison Oak."

VITACEÆ.

Vitis Californica; Southeastern Nevada. "Wild grape."

RHAMNACEÆ.

Ceanothus velutinus; Hook. Woods. "New Jersey Tea."
prostratus; Benth.
Frangula Californica; Gray. "Alder Buckthorn."

SAPINDACEÆ.

Negundo aceroides; Moench. "Box Elder."

LEGUMINOSÆ.

Lupinus pusillus; Pursh. "Lupine."
leucophyllus; var with purple flowers.
polyphyllus; Lindl.
ornatus or argenteus; Dougl.
meionanthus; Gray.
calcaratus; Kellogg; or decumbens; Torr.
Breweri; Gray. A dwarf species, only a span high, trailing on rocks.
Trifolium Andersonii; Gray. A most peculiar "clover," resembling lupine, covered with soft silky hairs; grows in tufts three or four inches high, forming beds or patches in moist sandy soil near foothills. The roots, like "alfalfa," grow very deep, and so strong are the fibres, that an ordinary breaking plough with two yoke of oxen can scarcely tear them up.
longipes; Nutt.
cyathiferum; Hook.
Trifolium fimbriatum; Lindl.
variegatum; Nutt.
gracilentum; Torr. & Gray.
ineptus; Gray. High Sierras, Southwestern Nevada.
Whitneyi; Gray.
platytropis; Gray.
Hosackia Purshiana; Benth.
Hermanii; Verrand.
Lathyrus; (species unknown.)
Vicia; (species unknown.)

Astragalus Purshii; Dougl. "Milk Vetch."
cyrtoides; Gray. Moist Banks.
lentiginosus; Dougl. Var floribundus.
Parryi; Gray.
Andersonii; Gray. Hillsides.
pictus var foliolosus; Gray.
Canadensis; S.
Mortoni; Nutt.
malacus; Gray. Foothills.
Preussii; Gray. Southeastern Nevada.
Hornii; Gray. Southeastern Nevada.

ROSACEÆ.

Rosa blanda; Ait. var. "Wild Rose."
Prunus Andersonii; Gray. Foothills near Carson; has the appearance of a dwarf almond. Flowers, color of peach blossoms.
emarginata; Gray. Formerly cerasus.
Rubus Nut kanus; Mocino. Cañons and hillsides. "Raspberry."
vitifolius; Cham. and Schlecht.
Potentilla fruticosa; L. "Cinque foil."
rivalis; Nutt.
fissa; Nutt. (Depauperata and millegrana; Engl.)
rigida; Nutt.
Purshia tridentata; D. C. Dry beds of streams.
Fragaria Virginica; Ehr. The western form. "Strawberry."
Spirea dumosa; Nutt. "Ninebark." "Hardback."
Amelanchier Canadensis; Medic. "Juneberry," "Service-berry."
Horkelia parviflora; Nutt. Little Valley.
Ivesia Gordonia; Torr. and Gray.
lycopodioides; Gray.
pygmea; Gray.
santolinoides; Gray.
} On summits of Sierras, Southwestern Nevada, 8,000 to 12,000 feet altitude.

ONAGRACEA.

Epilobium paniculatum; Nutt.
origanifolium.
angustifolium; L. "Willow herb."
Oenothera tanacetifolia; Gray.
marginata; Nutt.
claveformis; Gray.
densiflora; Dougl.
rubicunda; Lindl.
strigulosa and dentata running together; Gray.
trichocalyx; Nutt. Var. pinatifida.
biennis; L., and a variety of same. "Evening Primrose."
alysoides; H. and A.
Circea alpina; L. Dampwoods. (Enchanter's Nightshade).
Gayophytum ramossissimum.
Nuttallii; Torr. and Gray.

SAXIFRAGACEÆ.

Ribes sanguineum; Pursh. "Gooseberry."
Californicum. H. and A.

Lithophragma glabra; Nutt. (Telima.)
tenella; Nutt. (Telima.)

LOASACEÆ.

Mentzelia albicaulis; Dougl.
lævicaulis; Torr and Gray.
nuda; Nutt.

CRASULACEÆ.

Sedum; (species unknown); near Death Valley, southern Nevada.

UMBELLIFERÆ.

Cymopterus cinerarius; Gray. High mountains (near Mono Lake).
Sphenosciadium capitellatum; Gray. (Meadows near Carson).
Peucedanum macrocarpum; Nutt.
nudicaule; Nutt. Hill sides.
triternatum; Nutt.
Cicuta maculata; L. Meadows. "Cowbane."
Carum Gairdneri; Gray. (Edosmia Gardneri; Nutt).
Sanicula; (species not determined).
Sium latifolium; L. "Water Parsnip."
Angelica Breweri; Gray.
Osmorrhiza nuda; Torr. In Sierras.

ARALIACEÆ.

Aralia racemosa. "Spikenard."

CORNACEÆ.

Cornus Drummondii; Meyer. "Dogwood" on streams.

CAPRIFOLICEÆ.

Sambucus pubens; Mich. "Elder."
Lonicera involucrata; Banks. "Twinberry."
Symphoricarpus montanus.
mollis; Nutt. "Snowberry."

RUBIACEÆ.

Galium aparine; L. "Cleavers."
Bloomeri; Gray. About Virginia City.
hypotrichium; Gray. In Sierras.

VALERIANACEÆ.

Plectritis congesta; Lindl.

COMPOSITÆ.

Aster falcatus; Lindl.
integrifolius. Also a bar; Gray.
Bloomeri; Gray. Near Virginia City.
Andersonii; Gray. (Erigeron). Little Valley (above Washoe Lake).

Solidago nemoralis; Ait. Dry Plains. "Golden rod."
mollis; Benth. "Soft golden rod."
elongate; Nutt var. Moist places.
Erigeron cespitosum; Nutt. "Fleabane."
Canadense; L. "Butterweed."
concinnum; Torr and Gray var. Aphanactis.
Bloomer; Gray.
Brewer; Gray.
Linosyris graveolens; Torr and Gray var.
viscidiflora; Hook.
Howardii; Var. Nevadensis; Gray.
Amplopappus, spinulosus; D. C.
Bloomer; Gray. High barren mountains.
tenuifolius; Gray.
suffruticosus; Gray. In Sierras, high peaks.
apargioides; Gray. (Pyrocoma) near Carson City.
paniculatus; Gray. (Homopappus; Nutt). Alkaline plains.
acaulis; Gray. (Stenotus; Nutt). Mt. Davidson, Virginia City.
Chrysopsis Breweri; Gray. In Sierras, altitude 4,000 to 8,000 feet. "Golden Aster."
Thelesperma gracile; Gray.
Balsamorra sagitata; Nutt. (B. Helianthoride).
Hookeri; Nutt.
Bahia leucophylla; Gray.
Hellenium perberulum; D. C. "Sneeze weed,"
Xanthium spinosum; L. Recently introduced. "Spiny Clotbur."
Layia glandulosa; Hook and Am.
Actinella Richardsonii; Nutt.
acaulis; Nutt.
Hemizonia Durandi; Gray.
Achillea millefolium; L. "Yarrow."
Artemisia tridentata; Nutt. "Sagebrush."
Ludoviciana; Nutt. Var. gnaphaloides. "Wormwood."
potentilloides; Gray. Plains near Carson City. New.
Gnaphalium microcephalum; Gray.
uliginosum; L, "Cudweed."
Antenaria dimorpha; Torr and Gray.
margaritacea; B. Br. "Pearly Everlasting."
Senecio exaltatus; Nutt.
aureus; var. borealis,
triangularis; Hook.
lugens; Richards.
hydrophillus; Nutt.
Audinus; Nutt.
Iva axillaris; Pursh.
Wyethia mollis; Gray. In great patches about Carson City and Virginia.
Chenactis Achillefolia; var. Douglasii; Gray.
Xantiana; Gray.
stevioides; H. & Am.
potentillvides; Gray. A nice new species, Carson City.
Blephoripappus scaber; Hook.
Hymenopappus filifolius.
Madaria elegans; D. C.
Madia dissitiflora; Nutt. Var. racemosa Gray.
Maruta Cotula; D. C. "Mayweed."

Macheranthera canescens; Gray. (Dieteria canescens; Nutt).
Tetradymia glabrata; Torr and Gray.
inermis; Nutt.
Arnica Chamissonis; Sess.
cordifolia; Hook.
Anisocoma acaulis; Gray. A beautiful plant and flower, dry soil.
Cirsium Coulteri; Harv. and Gray. "Thistle."
Californicum; Gray.
acaule; var. Americana. Grav. "Stemless thistle."
undulatum; Nutt.
(Sp. unknown.)
Hemiptilium Bigelovii; Gray.
Stephanomeria heterophyllus; Nutt. Mountain sides.
Crepis Andersonii; Gray. Rich, moist ground, about Carson City.
occidentalis; Nutt.
runcinata.
Macrorhyncus heterophyllus; Nutt.
troximoides; Torr and Gray.
lancinatus; Nutt.
Malecothorix Californica; D. C.; var. glabrata.
sonchoides; Nutt.
Sonchus asper; Vill. "Sow thistle." Recently introduced.
Mulgedium pulchellum; Nutt. "False lettuce."
Hieracium albiflorum; Hook. "Hawkweed."
Brewer; Gray. A dwarf Hawkweed about Silver Mountain.

ERICACEÆ.

Arctostaphylos pungens; H. D. and K. "Manzanita."
Sarcodes sanguinea; Torr. Shady mountain sides, near snow. A remarkable plant, sending up a club-like stem, flesh-colored, growing eight to fifteen inches high.
Vaccinium ovatum; Pursh. Little valley, above Washoe Lake. "Blueberry."
Pyrola, rotundifolia; L. "Shinleaf" with the above.

PLANTAGINACEÆ.

Plantago Patagonica; Jacq. "Plantago maratima;" L. "Seashore Plantain."

PRIMULACEÆ.

Dodecatheon Meadi. L- "Shooting Star." Borders of marshy meadows.
Primula suffrutescens; Gray. High mountains, southwestern Nevada.

OROBANCACÆ

Phelipea fasiculatum; Speng. (Aphyllon fasiculatum; Torr. and Gray.)

SCROPHULARIACEÆ

Castilleia hispida; Benth. "Painted Cup."
parviflora; Bong.
pallida; Knuth.

Scrophularia nodosa ; L. " Figwort."
Penstemon Lewisii ; Benth. " Beard tongue."
glaber congesta.
letus ; Gray.
laxiflorus ; Benth.
gracilentus ; Gray.
deustus ; Dougl.
heterandrum ; Torr and Gray.
speciosus ; Dougl.
Mimulus luteus ; L. " Monkey flower."
bicolor ; Benth.
inconspicuus ; Gray.
floribundus ; Dougl.
montioides ; Gray.
moschatus ; Dougl. " Muskflower."
cardinalis ; Dougl.
Lewisii ; Pursh.
primuloides ; Benth.
Eunanus Fremontii ; Torr and Gray.
Tolmeii ; Benth.
Collinsia parviflora ; Dougl. var.
Veronica Americana ; Schu. " Speedwell."
Orthocarpus hispidus ; Benth.
luteus ; Nutt.
canescens ; ——
Cordylanthus. Wrightii ; Gray.
canescens ; Gray.
tenuis ; Gray.

LABIATÆ.

Mentha Canadensis ; " Wild Mint."
Monardella odoratissima ; Benth. Mountain.
Audibertia incana ; Benth.
Lophanthus urticifolius ; Benth. " Giant Hyssop."
Pycnanthemum Californicum ; Torr. " Mountain mint."

VEBENIACEÆ.

Verbena hastata ; L. "Vervain."

BORAGINACÆ.

Amsinckia ; (species not determined.)
Entrichium leucopheum.
glomeratum ; D. C.
Martensia oblongifolia ; 9 Don.
Echinospermum floribundum ; Lehm.
Coldenia Nuttalli ; Gray.

HYDROPHYLLACEÆ.

Nemophila ; (species not determined.)
Phacelia Achillefolia.
integrifolia ; Torr.
humilis ; Torr. and Gray.

Ellisia chrysanthemifolia ; Benth.
Eutoca phaceloides.
Menzierii.
Hydrophyllum capitalum ; Dougl.

POLEMONIACEÆ.

Phlox canescens ; Torr. and Gray. "Hoary Phlox."
Collomia parviflora.
Polemonium pulcherrimum ; Hook.
Gilia pulchella ; Dougl. Northeastern Nevada.
breviflora.
Californicum.
Navarretia ; (species not determined.)

GENTIANACEÆ.

Gentiana affinis ; Griesback.
Villarsia pumilla ; Hook. A handsome little plant growing in moist alkaline soil ; one of the first spring flowers.

ASCLEPIADACEÆ.

Asclepias Cornuti; Dicaisne. "Milkweed," about Carson.
verticillata; L. var. About Virginia City.

SOLANACEÆ.

Solanum heterandrum; Pursh. "Nightshade."
Californicum.
umbelliferum; Esch.
Nicotiana (two species undetermined. "Wild tobacco").
Lycium Andersonii; Gray. Southern Nevada, abont Silver Peak.

APOCYNACEÆ.

Apocynum androsemifolium; L. "Dogbane."

CHENOPODIACEÆ.

Grayia polygaloides; Hook and Am. "Greasewood."
Monolepis. (Species undetermined.)
Obione hymenelytra; Torr.

AMARANTACEÆ.

One or two species of Amaranths are found, but probably introduced.

NYCTAGINACE.

Oxybaphus angustifolius; Torr.
Abronia fragrans; Nutt.
arenaria; Menz.

JASMINACEÆ.

Menodora spinecescens; Gray. Southern Nevada; a new species.

POLYGONACEÆ.

Polygonum aviculare; L. "Knot weed.
Rumex venosus; Pursh. "Dock."
acetosella; L. "Sheep sorrel."
Chorizanthe brevicornu; Torr.
rigida; Gray.
Watsoni; Gray.
pungens; Benth.
Oxytheca dendroidea; Nutt.
Watsoni; Gray.
perfoliata; Gray.
Erigonum umbellatum; Nutt and Torr. Several varieties.
elatum; Douglass. Plains.
flavum; Nutt.
inflatum; Torr. Southern Nevada.
cespitosum; Nutt.
spherocephalum; Douglass.
heracloides; Nutt.
Lobbii; Gray. High, barren mountains.
ovalifolium; Nutt.
Kingii; Gray.
microthecum; Nutt; var. two.
Wrightii; Torr.
vimineum; Douglass.
gracile; Benth; and a var. effusnm; Gray.
Hermanii; Durand and Hill.
Plumatella; Durand and Hill
nutans; Gray.
Watsonii; Gray.
cernuum; Nutt; var. Gray.
pusillum; Gray. On the Truckee.
angulosum; Benth.
spergulinum; Gray.

ELEAGNACEÆ.

Shepherdia argentea; Nutt. "Buffalo berry," on Walker River.

BETULACEÆ.

Alnus viridis; D. C. "Alder."

CUPULIFERÆ.

Castanea chrysophylla; Dougl. "Chestnut."
Corylus rostrata; Ait. "Haleynut."

SALICACEÆ.

Salix longifolia; Muhl. "Willow."
(There are three or four species of Willow undetermined.)
Populus monilifera; Ait. "Cottonwood."

URTICACEÆ.

Urtica gracilis; Ait. "Nettle."

CONIFERÆ.

Ephedra antisyphylitica; Bert.
Pinus ponderosa; Dougl. "Yellow Pine."
Lambertiana; Dougl "Sugar Pine."
contorta; Dougl. "Twisted Pine." (Valley of Lake Tahoe, Southern Nevada.)
edulis; Engl. "Pinon."
Sabiniana; Dougl. "Nut Pine;" "Digger Pine."
Picea grandis; Dougl. "White Fir;" "Western Balsam Fir."
Thuja gigantea; Nutt. "Great Arbor Vitæ."
Juniperus tetragona; Schlecht, also Torr. var osteo-sperna. "Sweet Berried Cedar."
Taxus brevifolia; Nutt. "Western Yew."

LEMNACEÆ.

Lemna trisulca; L. "Ducks meat." Stagnant waters.

TYPHACEÆ.

Typha latifolia; L. Swamps. Catstail Flag.

IRADACEÆ.

Iris longipetala; Herbert.
Sisyrinchium grandiflorum; Dougl;. "Star grass." "Blue-eyed grass."

ORCHIDACEÆ.

Platanthera dilatata; Lindl. Washoe Valley.
Spiranthes decipiens; Hook.

MELANTHACEÆ.

Anticlea Fremontii; Torr.

LILIACEÆ.

Lilium Californicum; Hook. "Lily."
Fritillaria mutica; Lindl.
Calochortus venustus; Benth.
Nuttallii; Torr and Gray.
Veratrum Californicum; Durand. "Hellebore." About Carson and Washoe.
Sinilacina stellata; Desf.
Allium tribracteatum; Torr. "Wild onion."
acuminatum; Hook.
Hesperoscordium. Species uncertain.
Stropholorion Californicum; Torr. Little Valley, near Washoe City.
Leucocrinum montanum; Nutt.
Yucca. Several species, but names undetermined.

GRAMINEÆ. (GRASSES).

Alopecurus aristulatus. "Floating Foxtail."
Panicum Crus-Galli; L. Var. "Barnyard Grass."
capillare; L. "Old witchgrass."

Phragmitis communis; Trin. "Common reed grass."
Danthonia Californica; Bolander.
Poa andina; Nutt.
alpina; L.
Avena sterilis and fatua; L. "Wild oat."
Melica fugax; Bolander. Sagebrush lands.
stricta; Bolander. High mountain valleys.
Spartina stricta; Roth. "Salt marsh grass."
Festuca scabrella; Torr. "Bunch grass."
tenella. Wild.
microstachys; Nutt.
Keleria cristata; Pers.
Bromus secalinus; L. "Cheat" or "Chess."
cileatus; L. Var.
virens; Nutt.
Agrostis scabra; Wild. "Bent grass"—"Hair grass."
exarata; Trin.
vulgaris; With.
Eriocoma cuspidata; Nutt.
Triticum caninum; L. "Wheat grass."
repens; L. "Couch" or "Quick grass."
Hordeum pratense; Huds. "Squirril-tail grass." "Wild Barley."
jubatum; L.
Elymus Canadensis; L. "Wild Rye."
condensatus; Presl.
Eatonia obstusata; Gray.
Aira cespitosa; L. "Hair grass." Moist places.
Danthonioides; Trin.
Glyceria airoides; Thurb. "A species of manna grass."
Atropis Californica; Munro. Meadows.
Polypogon Monspeliensis; Desf. "Beard grass."
Beckmannia cruceformis; Host.
Vilfa asperifolia; Nees. "Rush grass."
Brizopyrum spicatum; Hook. "Spike grass." Saline soil.
Stipa occidentalis; Thurb. "Western feather grass."
Lolium temulentum; L. "Bearded Darnel." Recently introduced.